

# Converting Colors

Hex(72B5FF)

Have a look what the booklet for  
Hex(72B5FF) contains.

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# **Color**

**Hex(72B5FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	72B5FF
RGB	114, 181, 255
RGB Percent	45%, 71%, 100%
CMY	0.5529, 0.2902, 0.0000
CMYK	0.55, 0.29, 0.00, 0.00
HSL	211°, 100%, 72%
HSV	211°, 55%, 100%
XYZ	41.5133, 43.8452, 100.8827
YIQ	169.4030, -63.6860, 8.8100

# Conversions

## Conversions Part 2

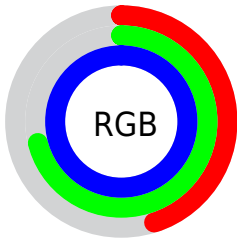
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 159, 255</a>
Decimal	<a href="#">7517695</a>
CIELab	<a href="#">72.12, -0.49, -43.04</a>
CIELCh	<a href="#">72, 43.040, 269.351</a>
Yxy	<a href="#">43.8452, 0.2229, 0.2354</a>
Android (android.graphics.Color)	<a href="#">4285707775</a> ( <a href="#">0xFF72B5FF</a> )
YUV	<a href="#">169.4030, 42.1993, -48.5884</a>
Hunter-Lab	<a href="#">66.2157, -3.9685, -43.9802</a>

# Details

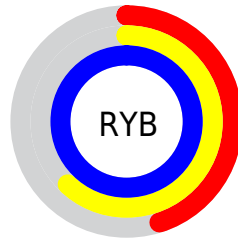
The Hex color **72B5FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBC72**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **AEEDFF**, and **2F81C6** is the 20% darker color. If you saturate the color by 10%, you get **59A8FF**, and if you desaturate by 10%, it is **8CC2FF**.

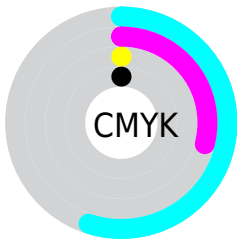
# Distribution



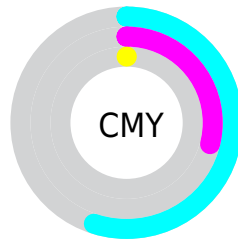
- Red (45%)
- Green (71%)
- Blue (100%)



- Red (45%)
- Yellow (62%)
- Blue (100%)



- Cyan (55%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (29%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 72B5FF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 72B5FF by changing the saturation by 10% instead.



 72B5FF

 72B5FF

FFFFFF

 539AE2

 AEEDFF

 2F81C6

 CCFFFF

 0068AA

 EAFFFF

 005090

 003976

 00255C

 000F44

 00032D

 000118

■ 72B5FF

■ 72B5FF

■ 59A8FF

■ 8CC2FF

■ 3F9AFF

■ A5D0FF

■ 258DFF

■ BFDDFF

■ 0C7FFF

■ D8EBFF

■ 0079FF

■ F2F8FF

FFFFFF

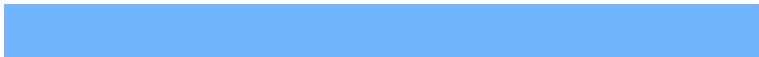
# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



00BFF4



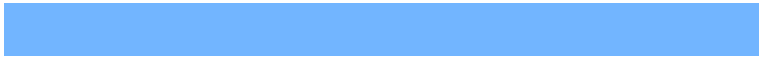
72B5FF



B3A7F5

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72B5FF



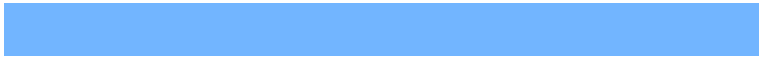
FB958C



72C287

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72B5FF



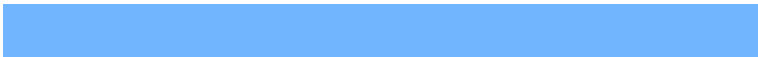
FFBC72

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A2BA6B



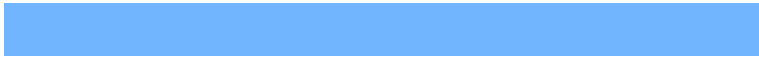
72B5FF



EAA06E

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72B5FF



F992B3



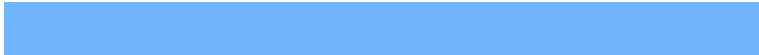
CBAE61



32C5AF

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72B5FF



D49DE4



CBAE61

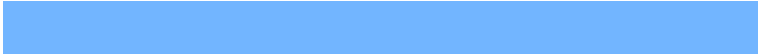


83C07C

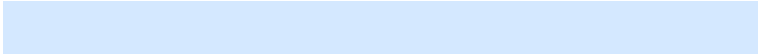


# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72B5FF



D4E8FF



72FFBB



667280



000000

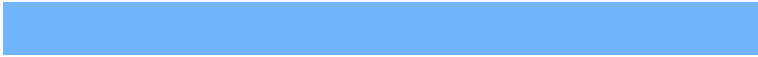


808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72B5FF



57A7FF



7472FF



737980



005BBF



001E40



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF72B5



FF57A7



FDF772



807379



BF005B

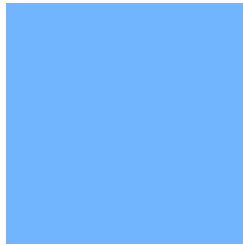


40001E



# Previews

## White Background



This preview shows how the Hex color 72B5FF looks on a white background.

## Color Contrast Check

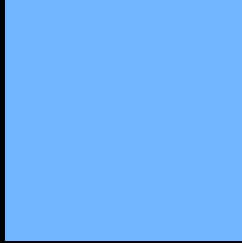
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 72B5FF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

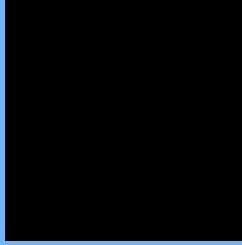
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

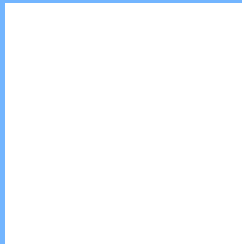
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 72B5FF Background



This preview shows how black text looks on a background with the Hex color 72B5FF.

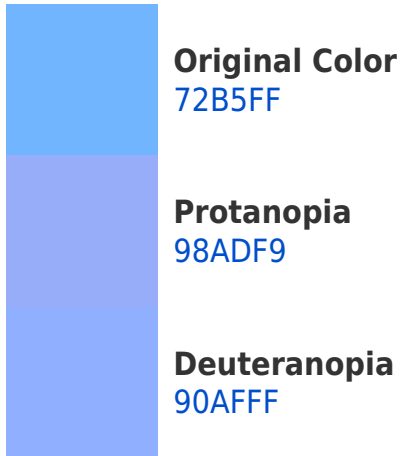


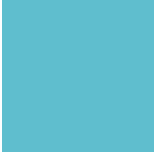
This preview shows how white text looks on a background with the Hex color 72B5FF.

# Color Blindness Simulation

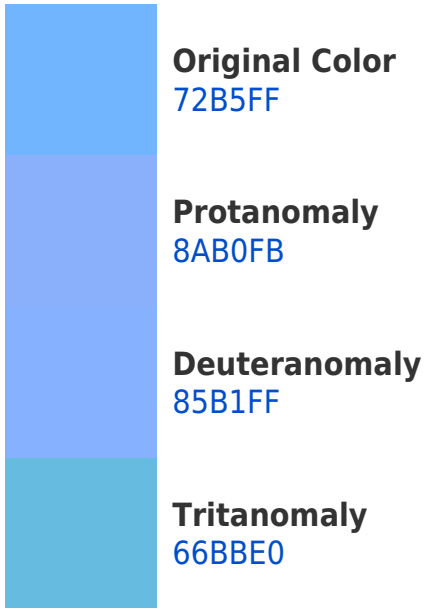
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

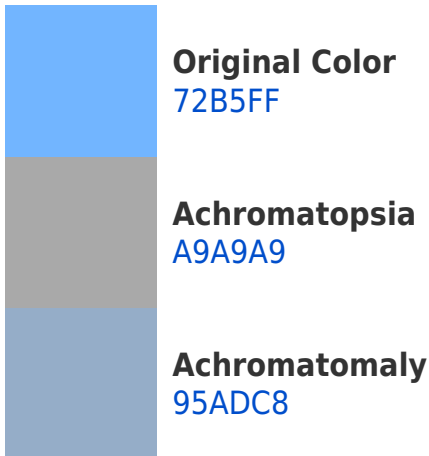




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 72B5FF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #72B5FF looks like.

```
.text, #text, p{  
    color:#72B5FF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #72B5FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B5FF
}
```

## Border

The CSS property to change the border of an element to Hex 72B5FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#72B5FF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#72B5FF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #72B5FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B5FF; -webkit-box-shadow:4px 4px  
4px 4px #72B5FF; box-shadow:4px 4px 4px  
4px #72B5FF }
```

# Background

The CSS property to change the background color of an element to Hex 72B5FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B5FF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#72B5FF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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